## **EXHIBIT 4**



## 3 results for "Patent number: "10514832""

Reel/frame <sup>10</sup>	Execution date	Conveyance type <sup>6</sup>	Assignee (Owner)	Patent	Publication	Properties
057228/0079	Aug 13, 2021	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	LOCKET IP LLC	9836190	20140298221	3
Assignor MAGNOLIA LICENSING LLC  Assignee LOCKET IP LLC			Assigned properties (1 of 3) Patent number 9836190 Aug 13, 2021 METHOD AND APPARATUS FOR RESTRICTING USER OPERATIONS WHEN APPLIED TO CARDS OR WINDOWS  Correspondent LOCKET IP LLC 3333 PRESTON ROAD STE 300 - #1039			
			FRISCO, TX 7503		, - II 1033	
053570/0237	Jul 8, 2020	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	MAGNOLIA LICENSING LLC	NONE	20060282869	715
Assignor THOMSON LICENSING S.A.S.			Assigned properties (1 of 715) Publication number 20060282869 Jul 8, 2020 DISK DRIVER CLUSTER MANAGEMENT OF TIME SHIFT BUFER WITH FILE ALLOCATION TABLE STRUCTURE			
Assignee MAGNOLIA LICENSING LLC			Correspondent MAGNOLIA LICENSING LLC 13359 NORTH HIGHWAY 183 SUITE 406-733 AUSTIN, TX 78750			
050989/0185	Nov 4, 2009	ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).	THOMSON LICENSING	10514832	20180253203	1

Reel/frame 6 Conveyance type • **Execution date** Assignee (Owner) **Publication Patent** Assignor Assigned properties (1 of 1) RUDMAN, KENNETH Patent number 10514832 NADZAKOV, VASIL Nov 4, 2009 YOON, ANDREW METHOD FOR LOCATING REGIONS OF INTEREST IN A YEH, ROGER **USER INTERFACE** BADWIYEH, BASIL PINVIDIC, GENVIEVE MARIE FORTE, DANA DIEP, DAN HAN AHMED, SAMIR SHARTZER, LEE BISHOP, JOHN FREDERICK **BOOTH, JAMES** 

TRAN, HAO CHI LEE, PETER

WALKER, MARK PETTIGREW, DAVID

Assignee

**GUDORF, GREGORY** 

THOMSON LICENSING

PICKERSGILL, DOUGLAS JASON

Correspondent MICHAEL A PUGEL 20925 CREEK RD NOBLESVILLE, IN 46060 **Properties**